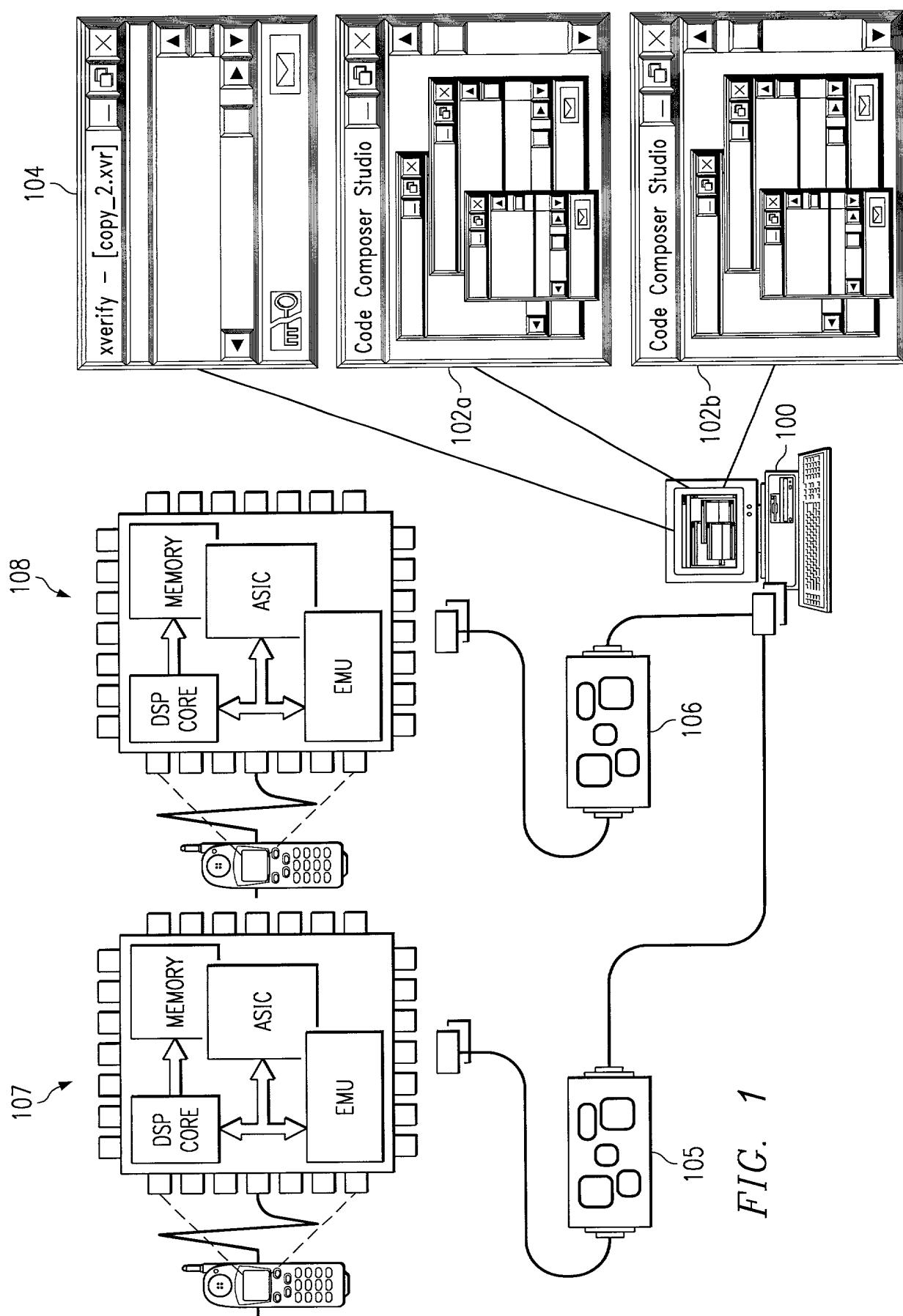


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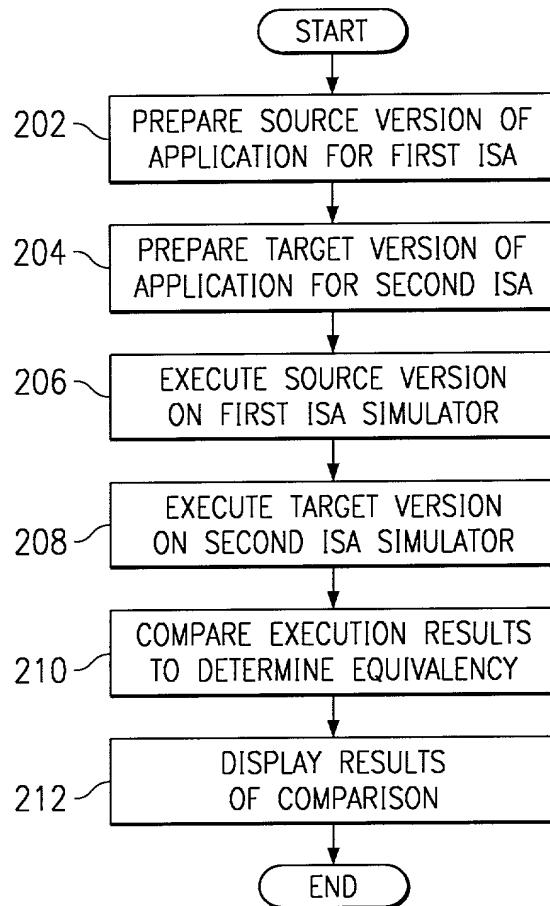
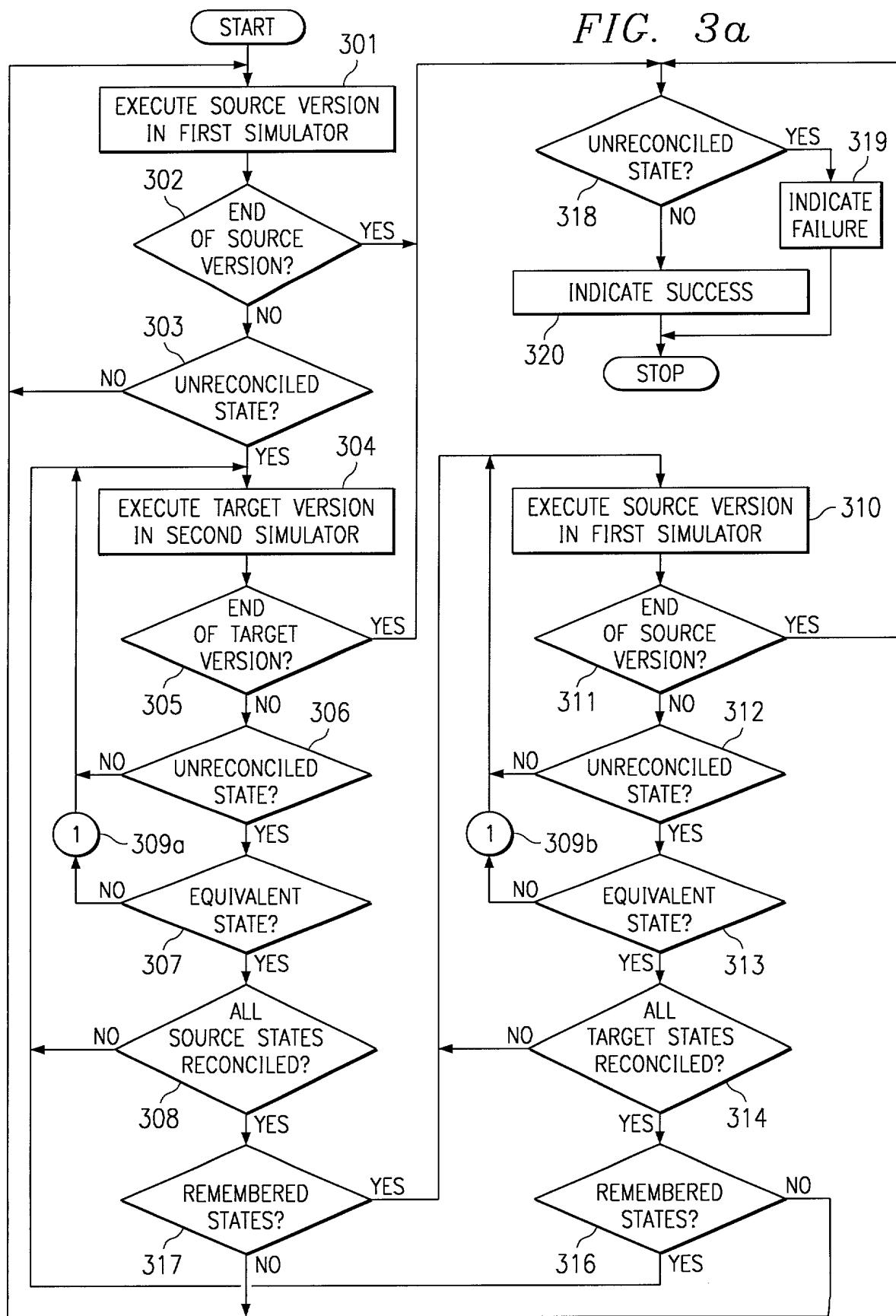


FIG. 2

SOURCE EXECUTION	SOURCE	SOURCE STATE	TARGET EXECUTION	TARGET	TARGET STATE
401	STM data1, AR3	EMPTY	402	MOV data1, AR3	EMPTY
	LD #1, A			MOV #1, A0	
	NOP			NOP	
	NOP			NOP	
	STL A, *AR3+			MOV A0<<#0, AR3+	
	NOP			NOP	

FIG. 4a



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FIG. 3b

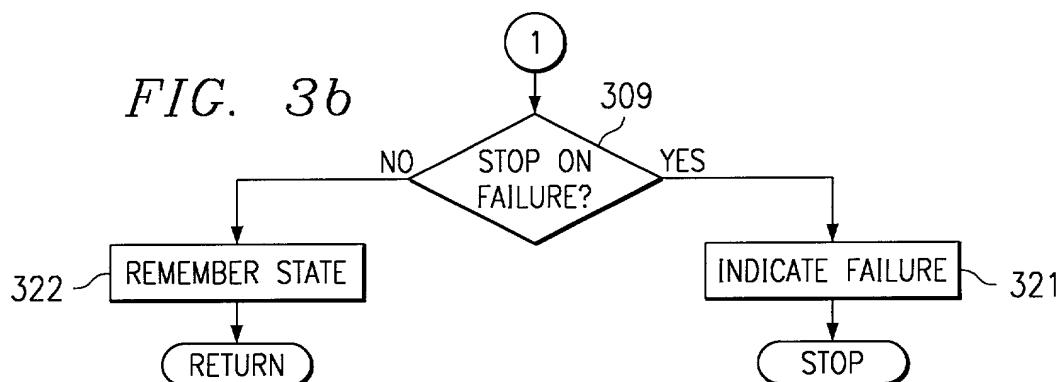


FIG. 4b

SOURCE EXECUTION	SOURCE	SOURCE STATE	TARGET EXECUTION	TARGET	TARGET STATE
	STM data1, AR3	AR3=0x800		MOV data1, AR3	EMPTY
401	LD #1, A		402	MOV #1, ACO	
	NOP			NOP	
	NOP			NOP	
	STL A, *AR3+			MOV ACO<<#0, AR3+	
	NOP			NOP	

FIG. 4c

SOURCE EXECUTION	SOURCE	SOURCE STATE	TARGET EXECUTION	TARGET	TARGET STATE
	STM data1, AR3	AR3=0x800		MOV data1, AR3	XAR3= 0x430
401	LD #1, A		402	MOV #1, ACO	
	NOP			NOP	
	NOP			NOP	
	STL A, *AR3+			MOV ACO<<#0, AR3+	
	NOP			NOP	

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SOURCE EXECUTION	SOURCE	SOURCE STATE	TARGET EXECUTION	TARGET	TARGET STATE
	STM data1, AR3	AR3=0x800 A=1		MOV data1, AR3	XAR3= 0x430
	LD #1, A		→	MOV #1, AC0	
→	NOP		402	NOP	
401	NOP			NOP	
	STL A, *AR3+			MOV AC0<<#0, AR3+	
	NOP			NOP	

FIG. 4d

SOURCE EXECUTION	SOURCE	SOURCE STATE	TARGET EXECUTION	TARGET	TARGET STATE
	STM data1, AR3	AR3=0x800 A=1		MOV data1, AR3	XAR3= 0x430 AC0=1
	LD #1, A			MOV #1, AC0	
→	NOP		→	NOP	
401	NOP		402	NOP	
	STL A, *AR3+			MOV AC0<<#0, AR3+	
	NOP			NOP	

FIG. 4e

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SOURCE EXECUTION	SOURCE	SOURCE STATE	TARGET EXECUTION	TARGET	TARGET STATE
	STM data1, AR3	AR3=0x800 (*AR3)=1		MOV data1, AR3	XAR3= 0x430
	LD #1, A			MOV #1, AC0	
	NOP		→	NOP	
	NOP		402	NOP	
401	STL A, *AR3+			MOV AC0<<#0, AR3+	
→	NOP			NOP	

FIG. 4f

SOURCE EXECUTION	SOURCE	SOURCE STATE	TARGET EXECUTION	TARGET	TARGET STATE
	STM data1, AR3	AR3=0x800 (*AR3)=1		MOV data1, AR3	XAR3= 0x430 (*XAR3)=1
	LD #1, A			MOV #1, AC0	
	NOP			NOP	
	NOP			NOP	
401	STL A, *AR3+		402	MOV AC0<<#0, AR3+	
→	NOP		→	NOP	

FIG. 4g

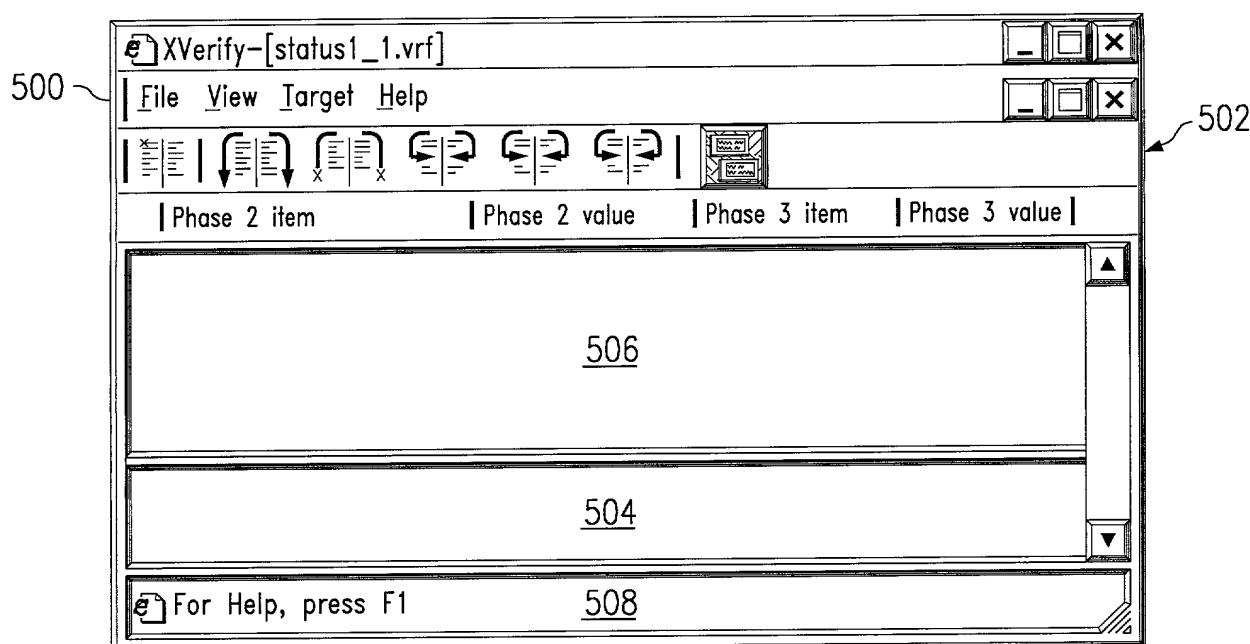
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FIG. 4*h*

SOURCE EXECUTION	SOURCE	SOURCE STATE	TARGET EXECUTION	TARGET	TARGET STATE
	STM data1, AR3	EMPTY		MOV data1, AR3	EMPTY
	LD #1, A			MOV #1, AC0	
	NOP			NOP	
	NOP			NOP	
401	STL A, *AR3+		402	MOV AC0<<#0, AR3+	
	NOP			NOP	

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FIG. 5a



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FIG. 5b

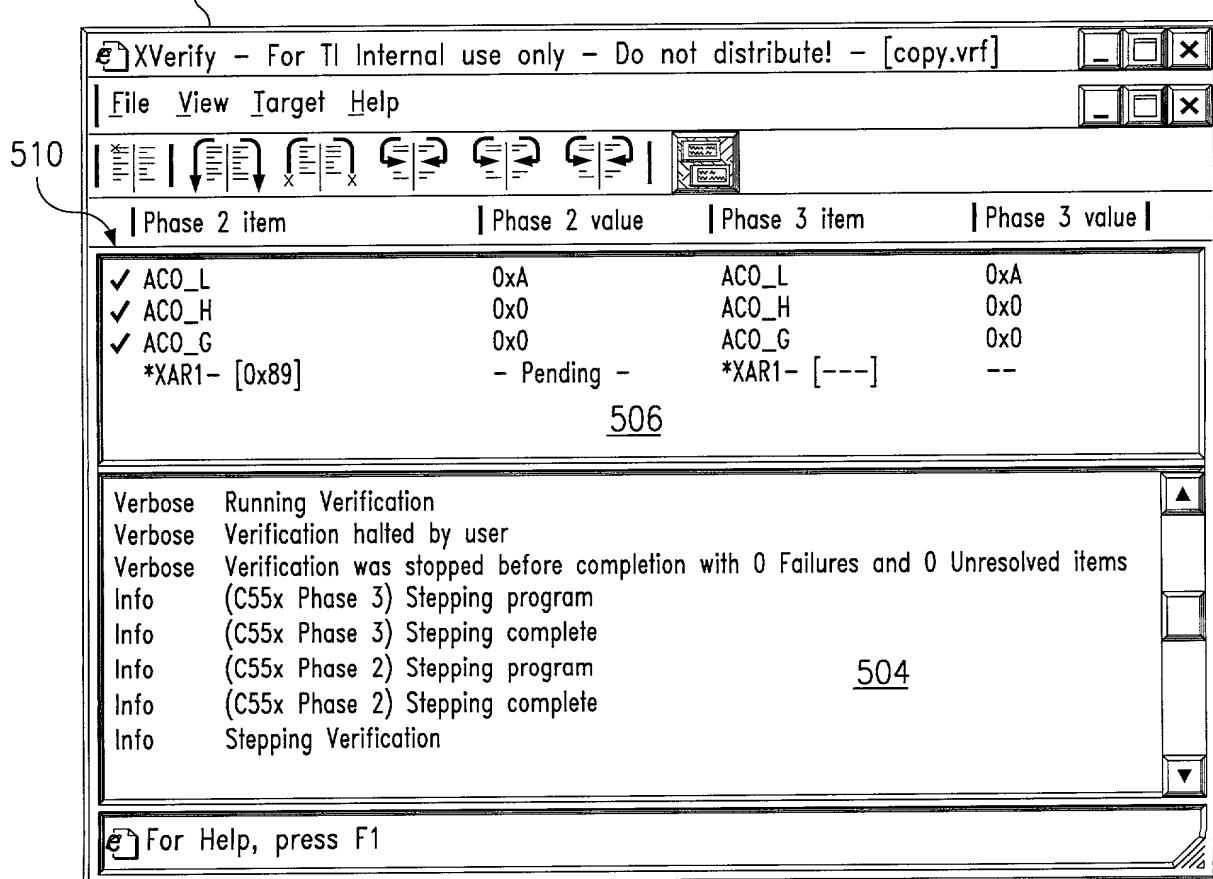


FIG. 6a

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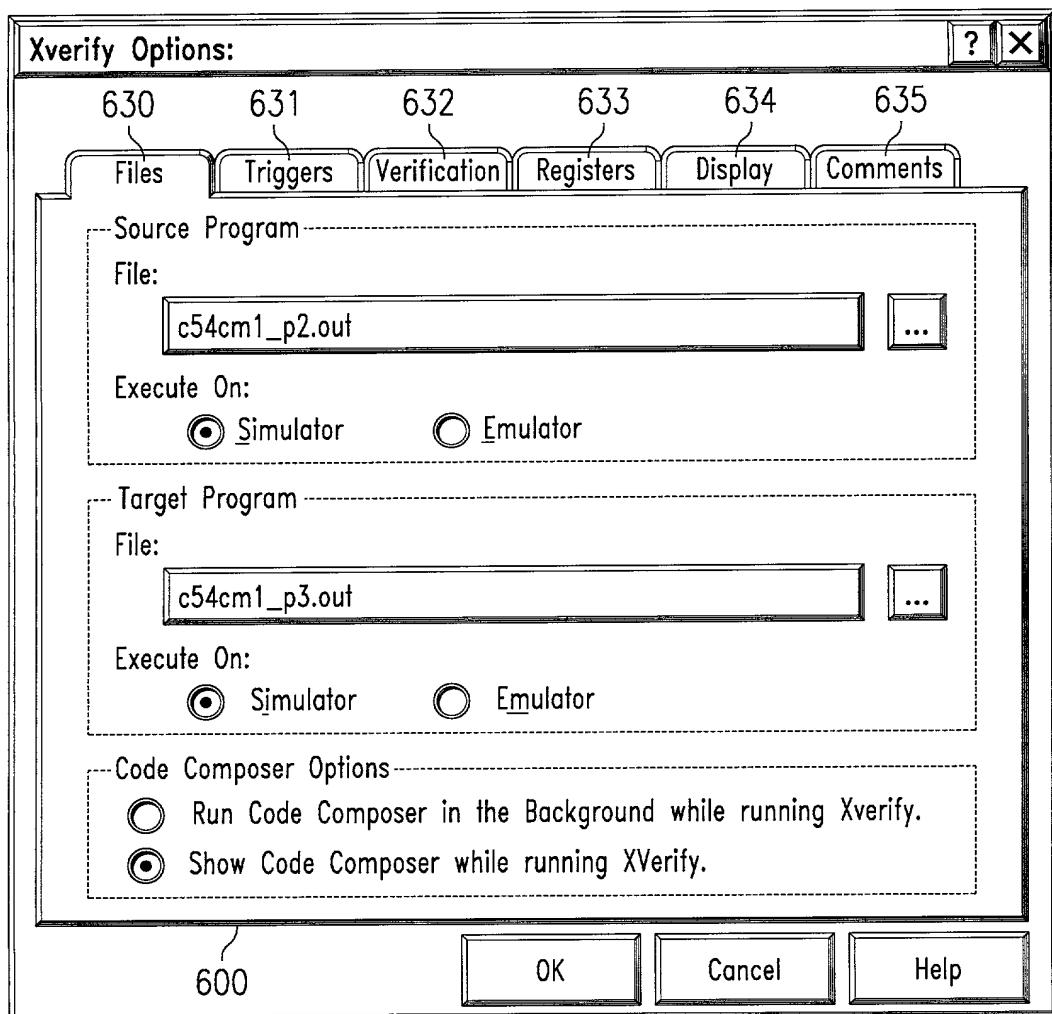
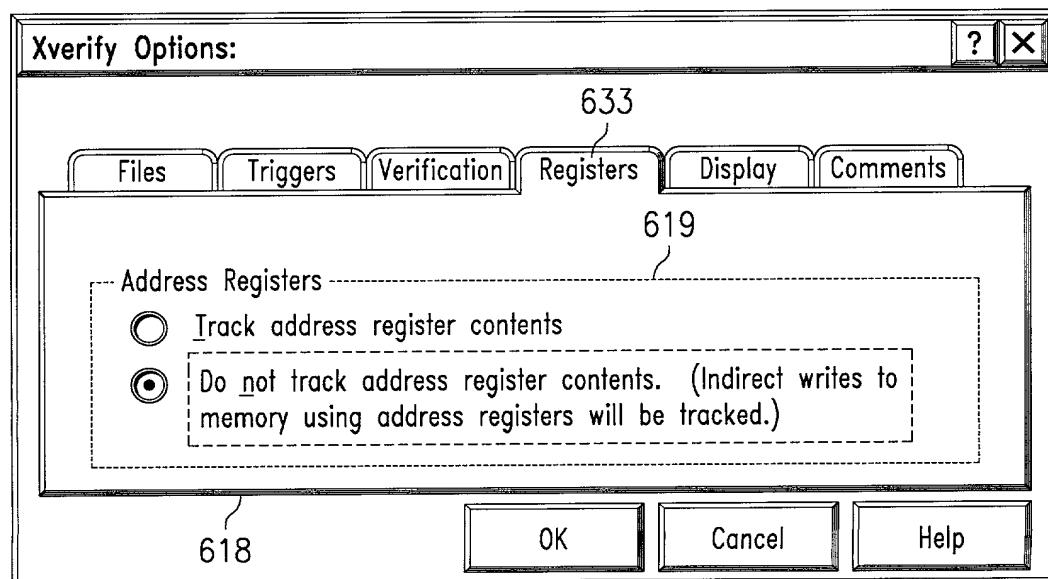


FIG. 6d



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FIG. 6b

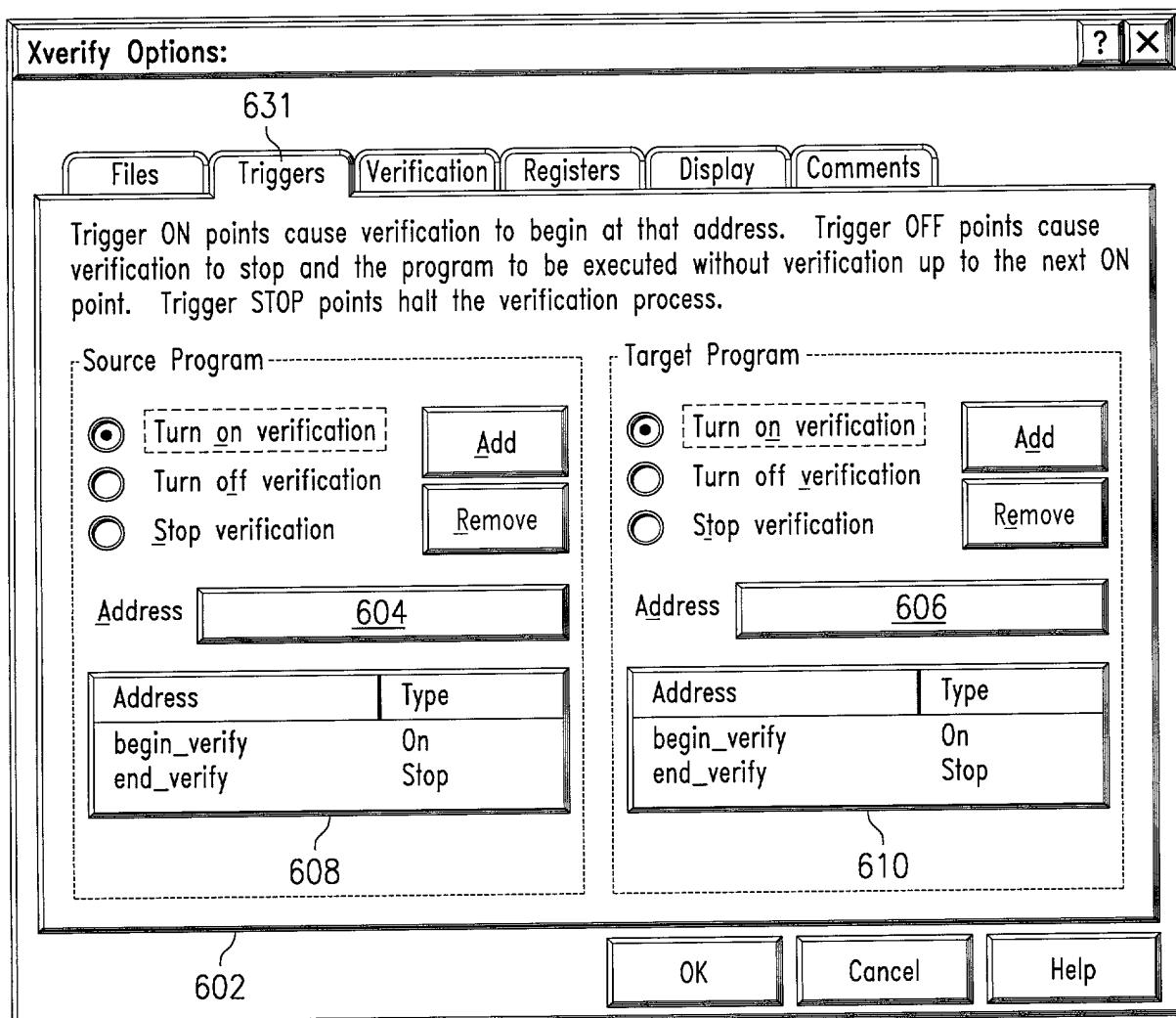


FIG. 6f

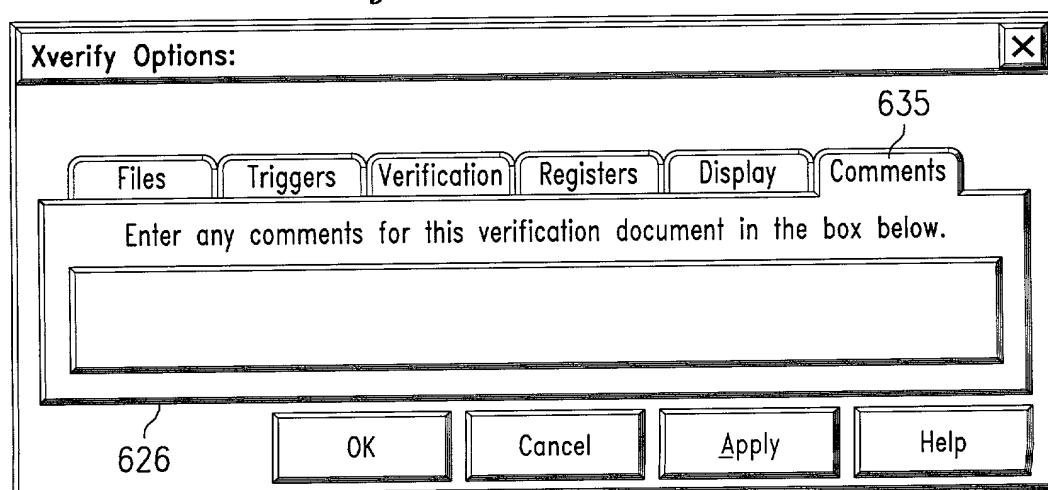


FIG. 6c 11/12

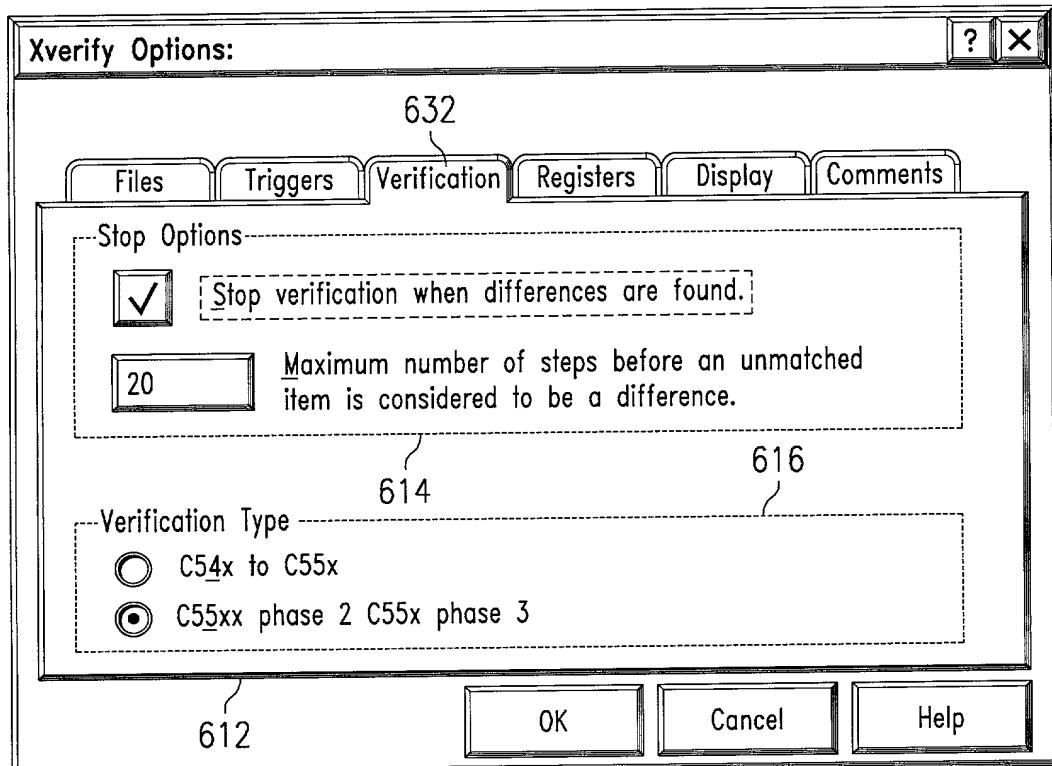
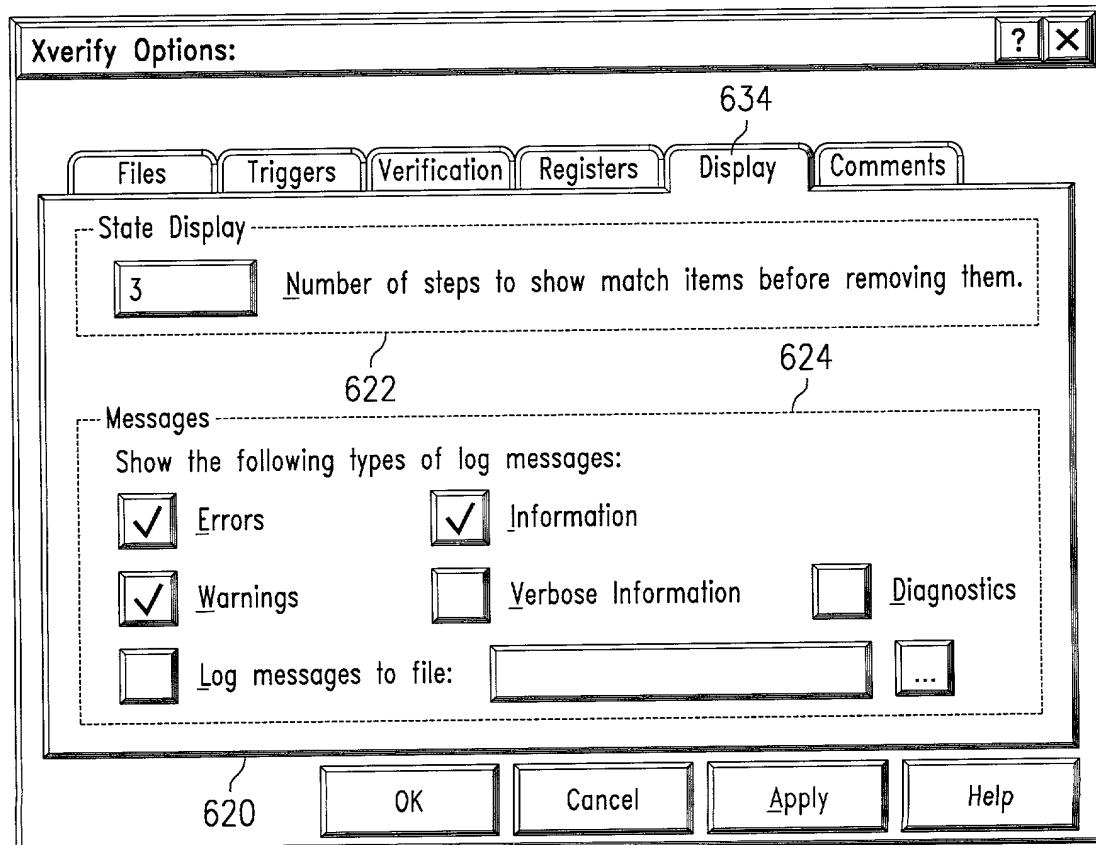


FIG. 6e



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